



**TASK 1 : NATURAL SCIENCE AND TECHNOLOGY INVESTIGATION
GRADE : 6
TOTAL MARKS 30
DUE DATE : 25 February 2024**

This assessment consists out of 4 pages:

DECLARATION BY LEARNER:

I HEREBY CONFIRM THAT ALL INFORMATION CONTAINED IN THIS DOCUMENT, IS MY ORIGINAL WORK.

SIGNED

DATE

TASK 1 GRADE 6 NATURAL SCIENCE AND TECH INVESTIGATION FOR TERM 1 2024)

Question 1:

1.1 Discuss plant starch. Your answer needs to include the following information:

- a) What is starch?
- b) What is it made from?
- c) Name two plant parts that store starch.

(6)

1.2 What gas do plants give off during the day?

(1)

1.3 What gas do humans and animals give off when they breathe?

(1)

1.4 Explain how the two previous questions are related to each other.

(2)

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1.5 What is an ecosystem?

(3)

1.6 For each of the following, state whether it is a 'producer', 'consumer' or 'decomposer'.

Item	Producer, Consumer or Decomposer?
a) Plant eating animal	
b) Micro-organism	
c) Plant	
d) Meat eating animal	

(4)

1.7 What do micro-organisms do in nature?

(1)

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Question 2:

2.1 Name three of the four food groups.

(3)

2.2 Preservatives are in processed foods. What are preservatives?

(2)

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2.3 Why would colourants be added to a food?

(1)

2.4 Discuss tooth decay. Your answer needs to include the following information:

- a) What is tooth decay?
- b) How does this happen?
- c) What does the bacteria feed on?

(5)

2.5 What is junk food?

(1)

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Total for Assessment 30 marks